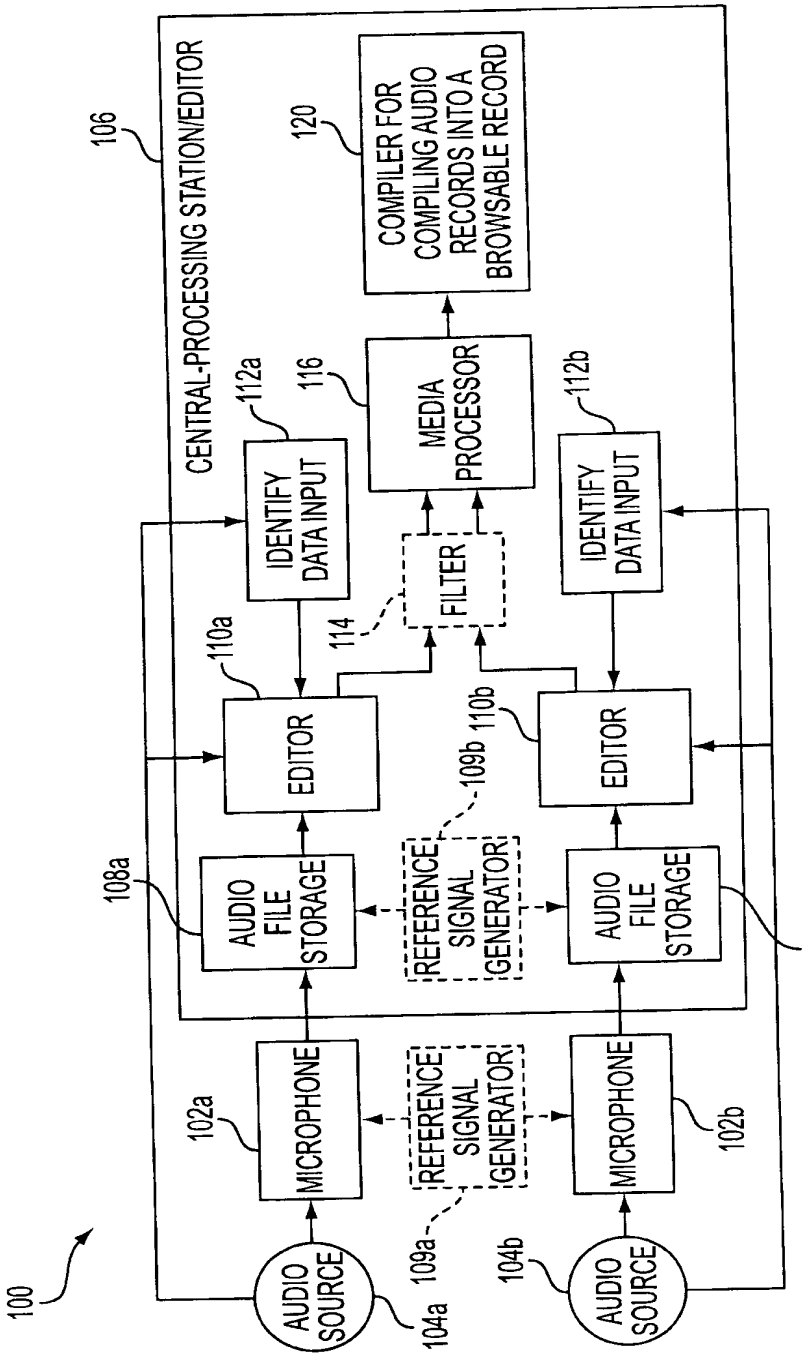
100
106
CENTRAL-PROCESSING STATION/EDITOR
120
COMPILER FOR COMPILING AUDIO RECORDS INTO A BROWSABLE RECORD
116
MEDIA PROCESSOR
112a
IDENTIFY DATA INPUT
112b
IDENTIFY DATA INPUT
114
FILTER
110a
EDITOR
110b
EDITOR
109b
REFERENCE SIGNAL GENERATOR
108a
AUDIO FILE STORAGE
108b
AUDIO FILE STORAGE
102a
MICROPHONE
102b
MICROPHONE
109a
REFERENCE SIGNAL GENERATOR
104a
AUDIO SOURCE
104b
AUDIO SOURCE

FIG. 1

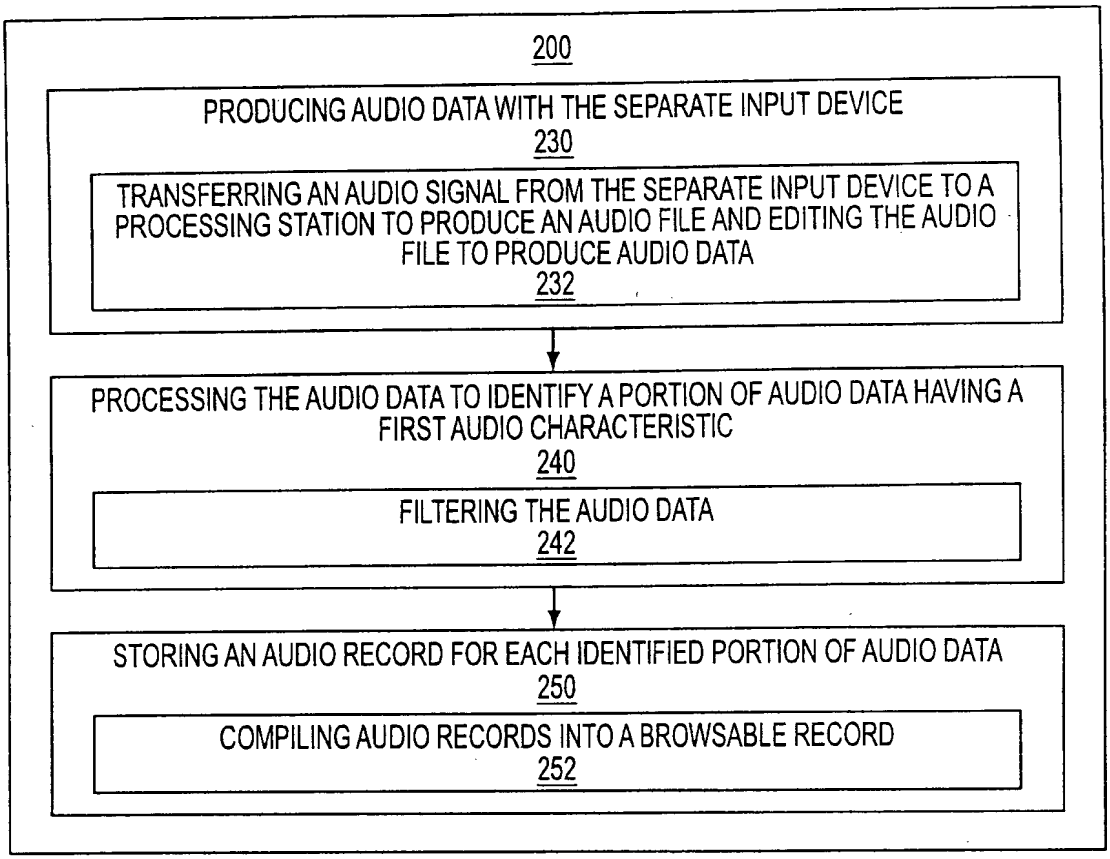
200
PRODUCING AUDIO DATA WITH THE SEPARATE INPUT DEVICE
230
TRANSFERRING AN AUDIO SIGNAL FROM THE SEPARATE INPUT DEVICE TO A PROCESSING STATION TO PRODUCE AN AUDIO FILE AND EDITING THE AUDIO FILE TO PRODUCE AUDIO DATA
232
PROCESSING THE AUDIO DATA TO IDENTIFY A PORTION OF AUDIO DATA HAVING A FIRST AUDIO CHARACTERISTIC
240
FILTERING THE AUDIO DATA
242
STORING AN AUDIO RECORD FOR EACH IDENTIFIED PORTION OF AUDIO DATA
250
COMPILING AUDIO RECORDS INTO A BROWSABLE RECORD
252

FIG. 2

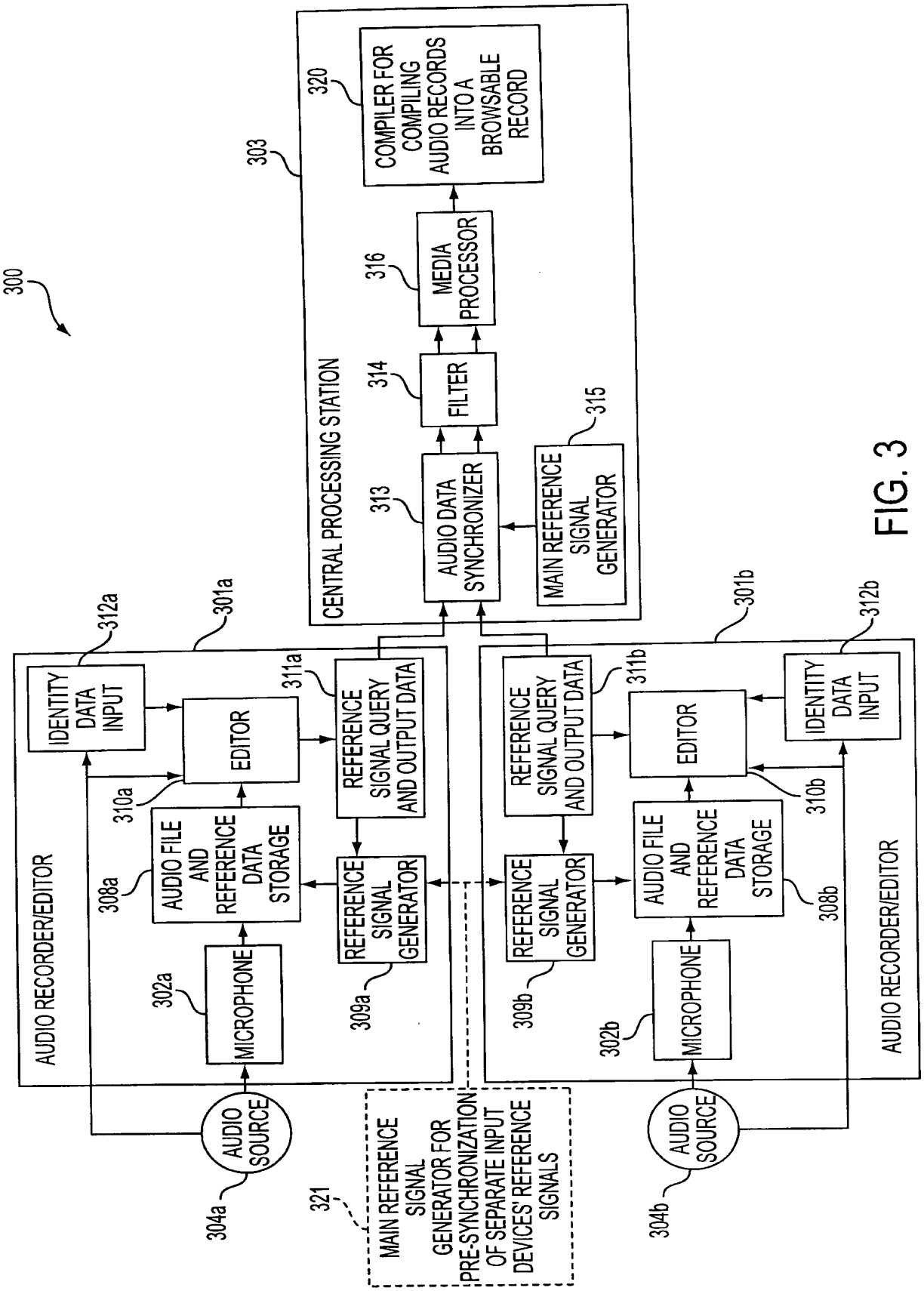
300
303
CENTRAL PROCESSING STATION
320
COMPILER FOR COMPILING AUDIO RECORDS INTO A BROWSABLE RECORD
316
MEDIA PROCESSOR
314
FILTER
313
AUDIO DATA SYNCHRONIZER
315
MAIN REFERENCE SIGNAL GENERATOR
301a
AUDIO RECORDER/EDITOR
312a
IDENTITY DATA INPUT
EDITOR
311a
REFERENCE SIGNAL QUERY AND OUTPUT DATA
310a
308a
AUDIO FILE AND REFERENCE DATA STORAGE
REFERENCE SIGNAL GENERATOR
309a
302a
MICROPHONE
AUDIO SOURCE
304a
321
MAIN REFERENCE SIGNAL GENERATOR FOR PRE-SYNCHRONIZATION OF SEPARATE INPUT DEVICES' REFERENCE SIGNALS
301b
AUDIO RECORDER/EDITOR
312b
IDENTITY DATA INPUT
EDITOR
311b
REFERENCE SIGNAL QUERY AND OUTPUT DATA
310b
308b
AUDIO FILE AND REFERENCE DATA STORAGE
REFERENCE SIGNAL GENERATOR
309b
302b
MICROPHONE
AUDIO SOURCE
304b

FIG. 3

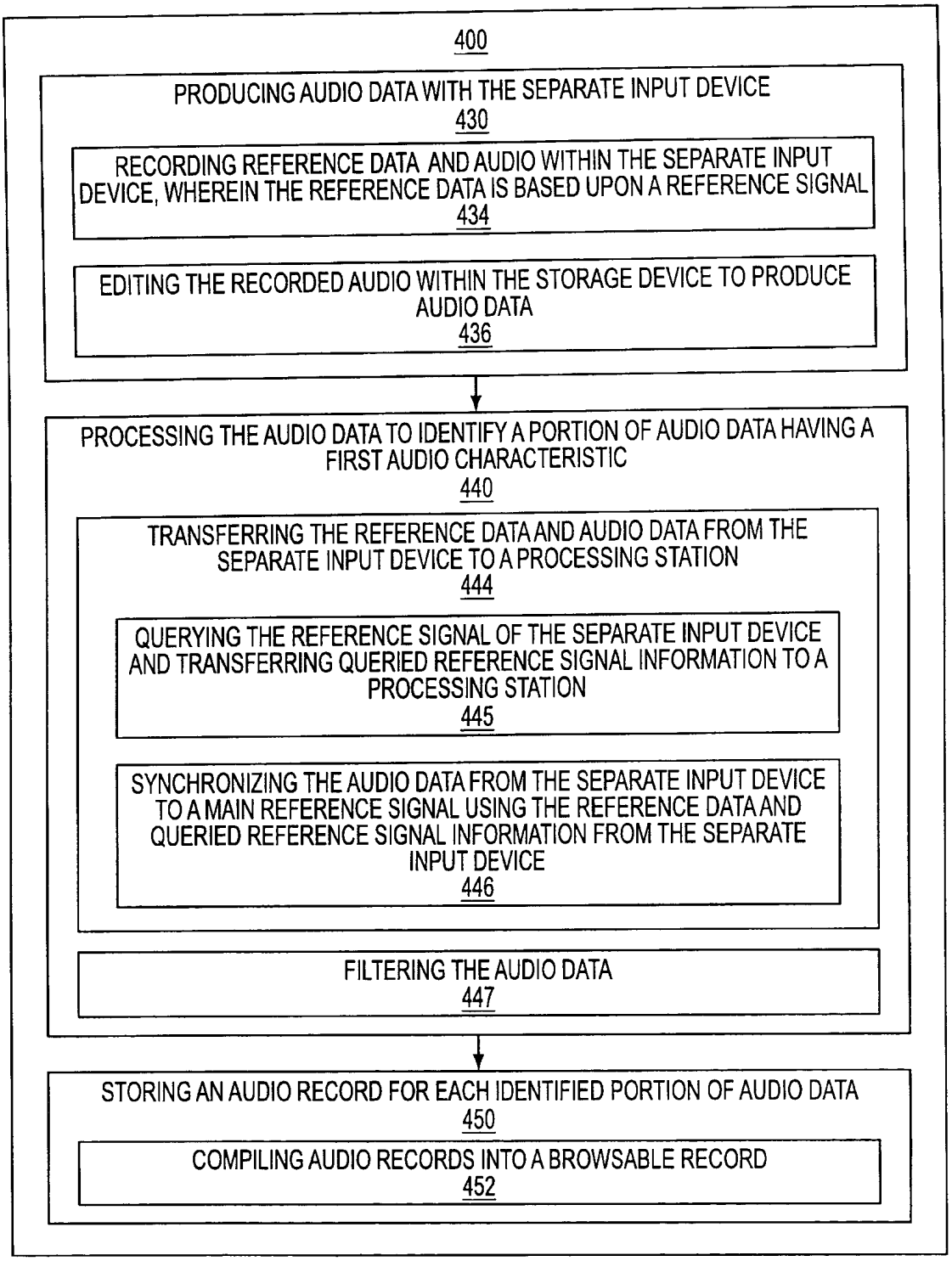
400
PRODUCING AUDIO DATA WITH THE SEPARATE INPUT DEVICE
430
RECORDING REFERENCE DATA AND AUDIO WITHIN THE SEPARATE INPUT DEVICE, WHEREIN THE REFERENCE DATA IS BASED UPON A REFERENCE SIGNAL
434
EDITING THE RECORDED AUDIO WITHIN THE STORAGE DEVICE TO PRODUCE AUDIO DATA
436
PROCESSING THE AUDIO DATA TO IDENTIFY A PORTION OF AUDIO DATA HAVING A FIRST AUDIO CHARACTERISTIC
440
TRANSFERRING THE REFERENCE DATA AND AUDIO DATA FROM THE SEPARATE INPUT DEVICE TO A PROCESSING STATION
444
QUERYING THE REFERENCE SIGNAL OF THE SEPARATE INPUT DEVICE AND TRANSFERRING QUERIED REFERENCE SIGNAL INFORMATION TO A PROCESSING STATION
445
SYNCHRONIZING THE AUDIO DATA FROM THE SEPARATE INPUT DEVICE TO A MAIN REFERENCE SIGNAL USING THE REFERENCE DATA AND QUERIED REFERENCE SIGNAL INFORMATION FROM THE SEPARATE INPUT DEVICE
446
FILTERING THE AUDIO DATA
447
STORING AN AUDIO RECORD FOR EACH IDENTIFIED PORTION OF AUDIO DATA
450
COMPILING AUDIO RECORDS INTO A BROWSABLE RECORD
452

FIG. 4

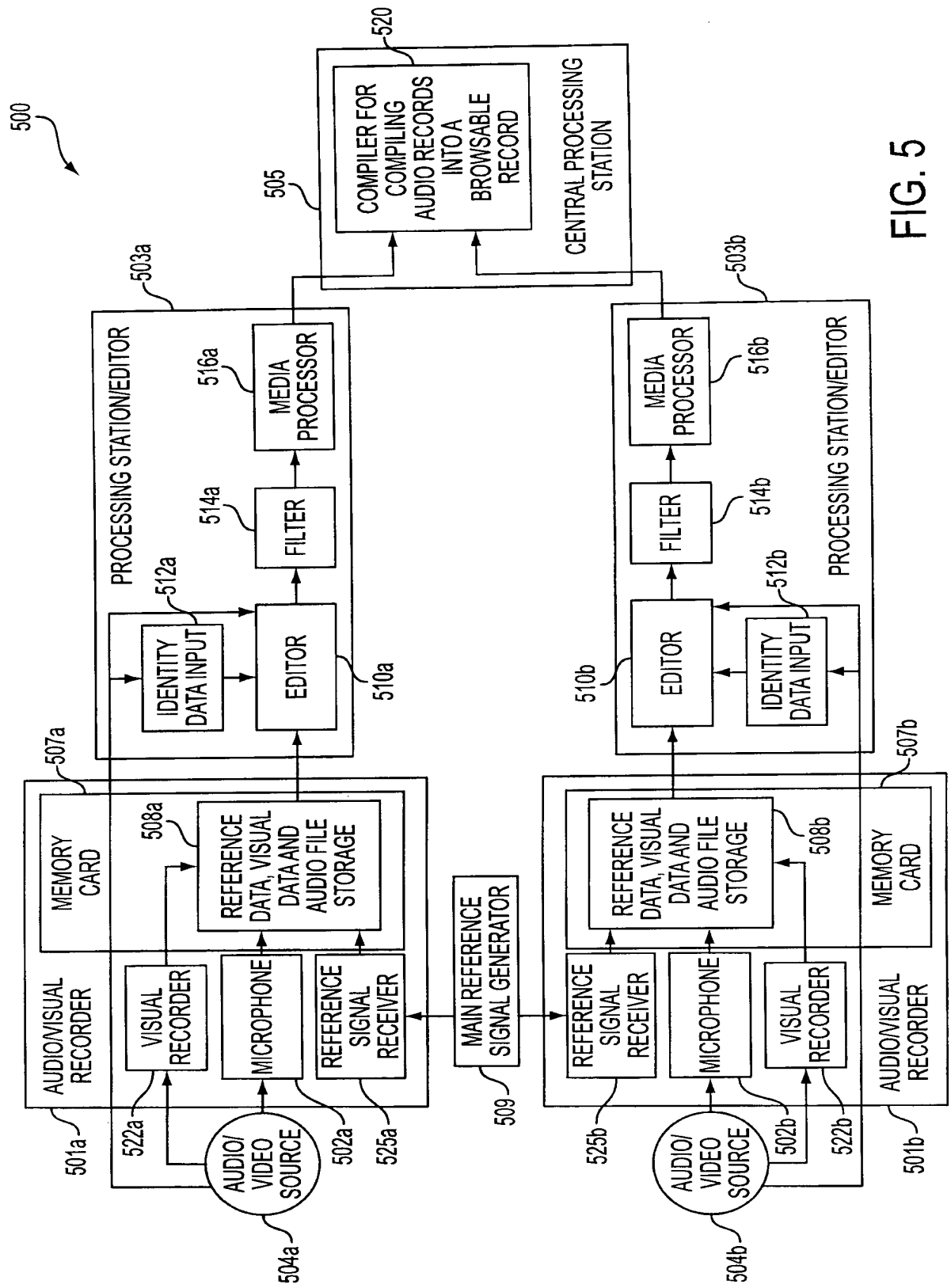
500
520
COMPILER FOR COMPILING AUDIO RECORDS INTO A BROWSABLE RECORD
505
CENTRAL PROCESSING STATION
503a
503b
PROCESSING STATION/EDITOR
516a
MEDIA PROCESSOR
514a
FILTER
512a
IDENTITY DATA INPUT
EDITOR
510a
510b
512b
514b
516b
507a
507b
MEMORY CARD
508a
508b
REFERENCE DATA, VISUAL DATA AND AUDIO FILE STORAGE
AUDIO/VISUAL RECORDER
VISUAL RECORDER
MICROPHONE
REFERENCE SIGNAL RECEIVER
MAIN REFERENCE SIGNAL GENERATOR
509
501a
501b
522a
522b
502a
502b
525a
525b
AUDIO/ VIDEO SOURCE
504a
504b

FIG. 5

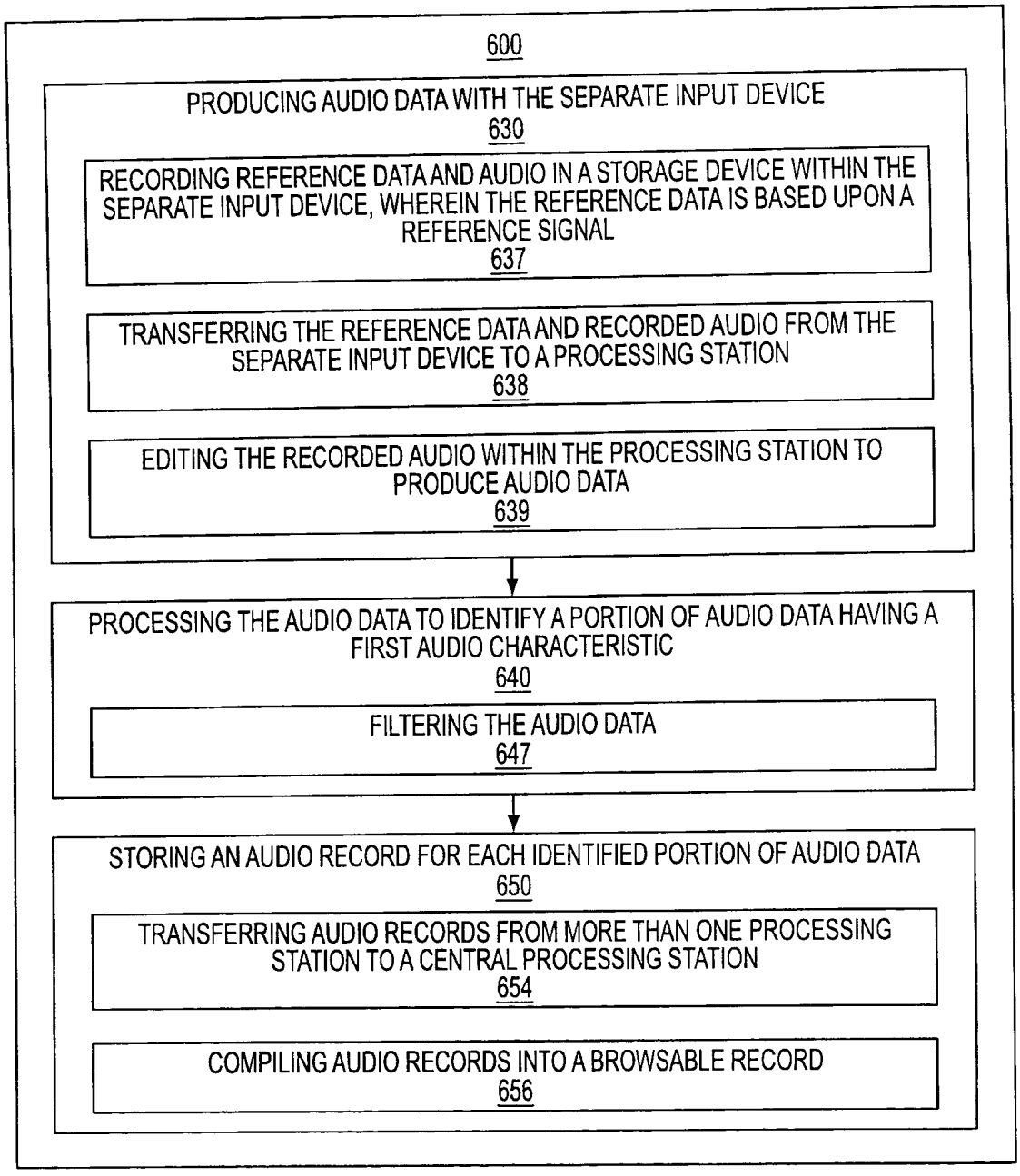
600
PRODUCING AUDIO DATA WITH THE SEPARATE INPUT DEVICE
630
RECORDING REFERENCE DATA AND AUDIO IN A STORAGE DEVICE WITHIN THE SEPARATE INPUT DEVICE, WHEREIN THE REFERENCE DATA IS BASED UPON A REFERENCE SIGNAL
637
TRANSFERRING THE REFERENCE DATA AND RECORDED AUDIO FROM THE SEPARATE INPUT DEVICE TO A PROCESSING STATION
638
EDITING THE RECORDED AUDIO WITHIN THE PROCESSING STATION TO PRODUCE AUDIO DATA
639
PROCESSING THE AUDIO DATA TO IDENTIFY A PORTION OF AUDIO DATA HAVING A FIRST AUDIO CHARACTERISTIC
640
FILTERING THE AUDIO DATA
647
STORING AN AUDIO RECORD FOR EACH IDENTIFIED PORTION OF AUDIO DATA
650
TRANSFERRING AUDIO RECORDS FROM MORE THAN ONE PROCESSING STATION TO A CENTRAL PROCESSING STATION
654
COMPILING AUDIO RECORDS INTO A BROWSABLE RECORD
656

FIG. 6

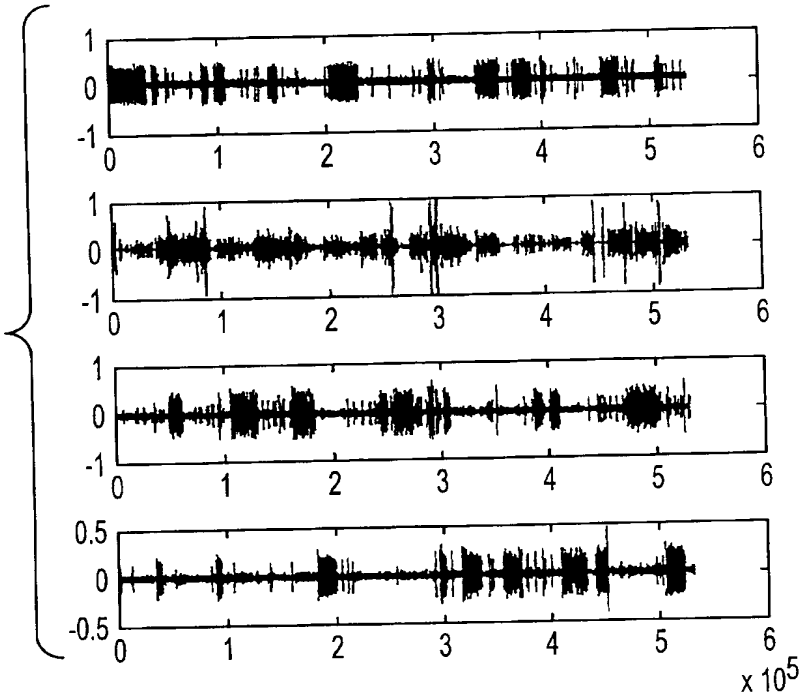
1
0
-1
0 1 2 3 4 5 6
0.5
-0.5
x 10^5

FIG. 7

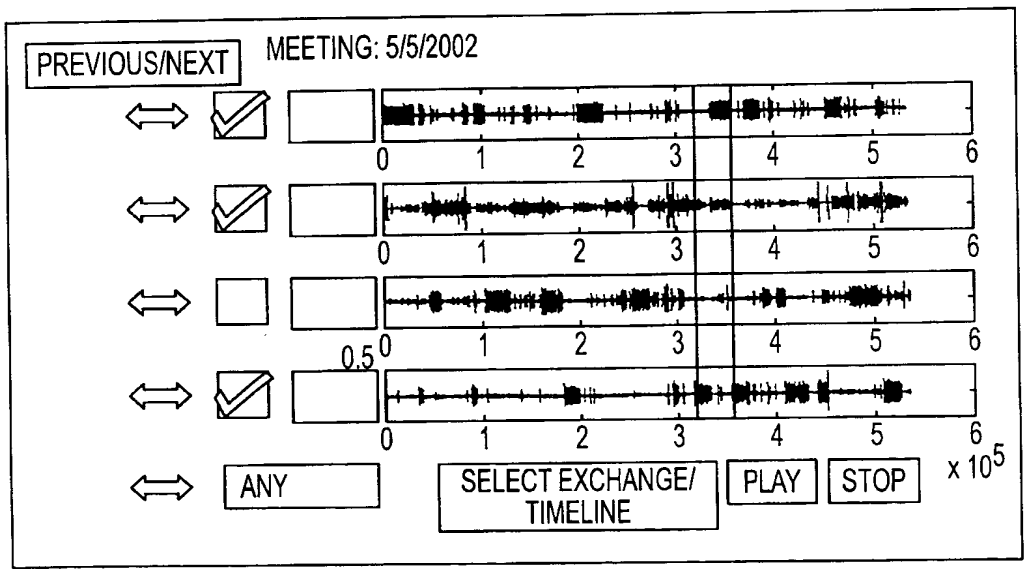
PREVIOUS/NEXT
MEETING: 5/5/2002
0 1 2 3 4 5 6
0.5
ANY
SELECT EXCHANGE/ TIMELINE
PLAY
STOP
x 10^5

FIG. 8